1642

$p\#7$

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          RAW SEQUENCE LISTING              DATE: 03/06/2001
          PATENT APPLICATION:  US/09/502,176   TIME: 12:22:41

          Input Set : A:\ES.txt
          Output Set: N:\CRF3\03062001\I502176.raw

    3 <110> APPLICANT: Pirie-Shepherd, Steven
    4         Folkman, M. Judah
    6 <120> TITLE OF INVENTION: Deglycosylated Kringle 1-5 Region Fragments of Plasminogen and Methods
of
    7         Use
    9 <130> FILE REFERENCE: 05940-0141 (43171-219913)
   11 <140> CURRENT APPLICATION NUMBER: US 09/502,176
   12 <141> CURRENT FILING DATE: 2000-02-10
   14 <150> PRIOR APPLICATION NUMBER: US 60/119,562
   15 <151> PRIOR FILING DATE: 1999-02-10
   17 <150> PRIOR APPLICATION NUMBER: US 60/128,062
   18 <151> PRIOR FILING DATE: 1999-04-07
   20 <160> NUMBER OF SEQ ID NOS: 2
   22 <170> SOFTWARE: PatentIn version 3.0
   24 <210> SEQ ID NO: 1
   25 <211> LENGTH: 780
   26 <212> TYPE: DNA
   27 <213> ORGANISM: Homo sapiens
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   30 <221> NAME/KEY: CDS
   31 <222> LOCATION: (1)..(780)
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   42 act tct ccc cac aga cct aga ttc tca cct gct aca cac ccc tca gag      144
   43 Thr Ser Pro His Arg Pro Arg Phe Ser Pro Ala Thr His Pro Ser Glu
   44          35                  40                  45
   46 gga ctg gag gag aac tac tgc agg aat cca gac aac gat ccg cag ggg      192
   47 Gly Leu Glu Glu Asn Tyr Cys Arg Asn Pro Asp Asn Asp Pro Gln Gly
   48      50                  55                  60
   50 ccc tgg tgc tat act act gat cca gaa aag aga tat gac tac tgc gac      240
   51 Pro Trp Cys Tyr Thr Thr Asp Pro Glu Lys Arg Tyr Asp Tyr Cys Asp
   52 65              70                  75                  80
   54 att ctt gag tgt gaa gag gaa tgt atg cat tgc agt gga gaa aac tat      288
   55 Ile Leu Glu Cys Glu Glu Glu Cys Met His Cys Ser Gly Glu Asn Tyr
   56              85                  90                  95
   58 gac ggc aaa att tcc aag acc atg tct gga ctg gaa tgc cag gcc tgg      336
   59 Asp Gly Lys Ile Ser Lys Thr Met Ser Gly Leu Glu Cys Gln Ala Trp
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   62 gac tct cag agc cca cac gct cat gga tac att cct tcc aaa ttt cca      384
   63 Asp Ser Gln Ser Pro His Ala His Gly Tyr Ile Pro Ser Lys Phe Pro
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   66 aac aag aac ctg aag aag aat tac tgt cgt aac ccc gat agg gag ctg      432
   67 Asn Lys Asn Leu Lys Lys Asn Tyr Cys Arg Asn Pro Asp Arg Glu Leu
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74 gac atc ccc cgc tgc aca aca cct cca cca tct tct ggt ccc acc tac      528
75 Asp Ile Pro Arg Cys Thr Thr Pro Pro Pro Ser Ser Gly Pro Thr Tyr
76                     165                     170                 175
78 cag tgt ctg aag gga aca ggt gaa aac tat cgc ggg aat gtg gct gtt      576
79 Gln Cys Leu Lys Gly Thr Gly Glu Asn Tyr Arg Gly Asn Val Ala Val
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82 acc gtg tcc ggg cac acc tgt cag cac tgg agt gca cag acc cct cac      624
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84             195                     200                     205
86 aca cat gaa agg aca cca gaa aac ttc ccc tgc aaa aat ttg gat gaa      672
87 Thr His Glu Arg Thr Pro Glu Asn Phe Pro Cys Lys Asn Leu Asp Glu
88     210                     215                     220
90 aac tac tgc cgc aat cct gac gga aaa agg gcc cca tgg tgc cat aca      720
91 Asn Tyr Cys Arg Asn Pro Asp Gly Lys Arg Ala Pro Trp Cys His Thr
92 225                     230                     235                 240
94 acc aac agc caa gtg cgg tgg gag tac tgt aag ata ccg tcc tgt gac      768
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119             35                     40                     45
122 Gly Leu Glu Glu Asn Tyr Cys Arg Asn Pro Asp Asn Asp Pro Gln Gly
123     50                     55                     60
126 Pro Trp Cys Tyr Thr Thr Asp Pro Glu Lys Arg Tyr Asp Tyr Cys Asp
127 65                     70                     75                     80
130 Ile Leu Glu Cys Glu Glu Glu Cys Met His Cys Ser Gly Glu Asn Tyr
131                 85                     90                     95
134 Asp Gly Lys Ile Ser Lys Thr Met Ser Gly Leu Glu Cys Gln Ala Trp
135                 100                     105                 110
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139             115                     120                     125
142 Asn Lys Asn Leu Lys Lys Asn Tyr Cys Arg Asn Pro Asp Arg Glu Leu
143         130                     135                     140
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150 Asp Ile Pro Arg Cys Thr Thr Pro Pro Pro Ser Ser Gly Pro Thr Tyr
151             165                    170                    175
154 Gln Cys Leu Lys Gly Thr Gly Glu Asn Tyr Arg Gly Asn Val Ala Val
155             180                    185                    190
158 Thr Val Ser Gly His Thr Cys Gln His Trp Ser Ala Gln Thr Pro His
159         195                    200                    205
162 Thr His Glu Arg Thr Pro Glu Asn Phe Pro Cys Lys Asn Leu Asp Glu
163     210                    215                    220
166 Asn Tyr Cys Arg Asn Pro Asp Gly Lys Arg Ala Pro Trp Cys His Thr
167 225                    230                    235                    240
170 Thr Asn Ser Gln Val Arg Trp Glu Tyr Cys Lys Ile Pro Ser Cys Asp
171             245                    250                    255
174 Ser Ser Pro Val
175         260
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VERIFICATION SUMMARY   DATE: 03/06/2001
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